

I. BACKGROUND

1. Name of Proponent:

Duwamish Shipyard, Inc.

Application prepared by:

Jay W. Spearman, Consulting Engineer
P.O. Box 6065

Bellevue, Washington 98007

2. Address and Phone Number of Proponent: (206) 822-6021

5658 West Marginal Way S.W.
Seattle, Washington 98106
(206) 767-4880

3. Date Checklist Submitted:

February 11, 1981

4. Agency Requiring Checklist:

City of Seattle

Department of Construction & Land Use, Land Use Division

5. Name of Proposal, if applicable:

N/A

6. Nature and Brief Description of the Proposal (including but not limited to its size, general design elements, and other factors that will give an accurate understanding of its scope and nature):

It is proposed to construct a wedge-shaped addition, about 15' maximum width X 60' long, to an existing timber wharf to provide sufficient width for use of a mobile crane in connection with vessel repairs and maintenance; it is also proposed to dredge a portion of the bed of the Duwamish Waterway, (about 80' wide X 570' long) to a depth of -25.0 (MLLW = 0.0), and maintain it at that depth. This will restore and maintain a depth sufficient for vessel mooring, loading and unloading, for access to marine railway and to operate drydocks. Dredging will be done by floating clamshell, approximately 12,000 C.Y. of mud the first year and 2,500 C.Y. each year for the next four succeeding years. Dredged material will be transported by bottom-dump barge to D.N.R. Four Mile Rock site for deep water disposal.

7. Location of Proposal (describe the physical setting of the proposal, as well as the extent of the land area affected by any environmental impacts, including any other information needed to give an accurate understanding of the environmental setting of the proposal):

Site is on the westerly side of the Duwamish Waterway (Riverside Reach). Area is zoned IH and shoreline environment is UD. Property is occupied by vessel repair facilities of Duwamish Shipyard, Inc. Upland portion contains office building, shop and storage buildings, outside material and equipment storage and visitor and employee parking areas. Shoreline is occupied by wood wharves and bulkheading, a marine railway, two floating drydocks, dolphins and access floats, and about 200 L.F. of low bank protected by rubble rip rap. Neighborhood is industrial in character. No change in use is planned.

8. Estimated Date of Completion of the Proposal:

3 years after all required permits are issued

9. List of all Permits, Licenses, or Government Approvals Required for the Proposal (federal, state, and local--including rezones):

U.S. Army Corps of Engineers Permit
Wash. Depts of Fisheries & Game Hydraulic Project Approval
City of Seattle Shoreline Substantial Development Permit
City of Seattle Grading Permit

10. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain:

Possible future project adjacent to shoreline at southeast corner of property; work might involve some dredging and/or additions at south end of existing wharf.

11. Do you know of any plans by others which may affect the property covered by your proposal? If yes, explain:

General Construction Company, adjoining property owner to the north may perform some dredging in conjunction with this project. Separate permit is being applied for.

12. Attach any other application form that has been completed regarding the proposal; if none has been completed, but is expected to be filed at some future date, describe the nature of such application form:

Copy of U.S. Army Engineers application enclosed.
Applications will be submitted in the future for all permits listed in (9) above.

II. ENVIRONMENTAL IMPACTS

(Explanations of all "yes" and "maybe" answers are required.)

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
(1) <u>Earth</u> . Will the proposal result in:			
(a) Unstable earth conditions or in changes in geologic substructures?	_____	_____	<u>X</u>
(b) Disruptions, displacements, compaction, or overcovering of the soil?	<u>X</u>	_____	_____
(c) Change in topography or ground surface relief features?	<u>X</u>	_____	_____
(d) The destruction, covering, or modification of any unique geologic or physical features?	_____	_____	<u>X</u>
(e) Any increase in wind or water erosion of soils, either on or off the site?	_____	_____	<u>X</u>
(f) Changes in deposition or erosion of beach sands, or changes in siltation, deposition, or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet or lake?	_____	_____	<u>X</u>

Explanation:

(b) & (c) Underwater topography will be altered by the proposed dredging.

(2) Air. Will the proposal result in:

(a) Air emissions or deterioration of ambient air quality?	_____	_____	<u>X</u>
(b) The creation of objectionable odors?	_____	_____	<u>X</u>

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
(c) Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?	_____	_____	<u>X</u>

Explanation:

(3) Water. Will the proposal result in:

(a) Changes in currents, or the course of direction of water movements, in either marine or fresh waters?	_____	<u>X</u>	_____
(b) Changes in absorption rates, drainage patterns, or the amount of surface water run-off?	_____	_____	<u>X</u>
(c) Alterations to the course or flow of flood waters?	_____	_____	<u>X</u>
(d) Change in the amount of surface water in any water body?	_____	_____	<u>X</u>
(e) Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen, or turbidity?	_____	<u>X</u>	_____
(f) Alteration of the direction or rate of flow of ground waters?	_____	_____	<u>X</u>
(g) Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavation?	_____	_____	<u>X</u>
(h) Deterioration in ground water quality, either through direct injection, or through the seepage of leachate, phosphates, detergents, waterborne virus or bacteria, or other substances into the ground waters?	_____	_____	<u>X</u>

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
(1) Reduction in the amount of water otherwise available for public water supplies?	_____	_____	_____X_____

Explanation:

(a) & (e) Water movement may be nominally affected by change of depth in the dredged area; thence maybe a temporary increase in turbidity during dredging and/or pile driving.

(4) Flora. Will the proposal result in:

(a) Change in the diversity of species, or numbers of any species of flora (including trees, shrubs, grass, crops, micro-flora and aquatic plants)?	_____	_____X_____	_____
(b) Reduction of the numbers of any unique, rare or endangered species of flora?	_____	_____	_____X_____
(c) Introduction of new species of flora into an area, or in a barrier to the normal replenishment of existing species?	_____	_____	_____X_____
(d) Reduction in acreage of any agricultural crop?	_____	_____	_____X_____

Explanation:

(a) Possible temporary change in aquatic life during dredging and/or pile driving

(5) Fauna. Will the proposal result in:

(a) Changes in the diversity of species, or numbers of any species of fauna (birds, land animals including reptiles, fish and shellfish, benthic organisms, insects, or micro-fauna)?	_____	_____X_____	_____
(b) Reduction of the numbers of any unique, rare or endangered species of fauna?	_____	_____	_____X_____
(c) Introduction of new species of fauna into an area, or result in a barrier to the migration or movement of fauna?	_____	_____	_____X_____

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
(d) Deterioration of existing wildlife habitat?	_____	_____	<u>X</u>

Explanation:

(a) Possible temporary change in aquatic life during dredging and/or pile driving

(6) <u>Noise</u> : Will the proposal increase existing noise levels?	_____	<u>X</u>	_____
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Explanation:

Possible temporary change during dredging and/or pile driving; due to existing noise levels in this industrial area, any temporary change will probably be insignificant.

(7) <u>Light and Glare</u> . Will the proposal produce new light or glare?	_____	_____	<u>X</u>
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Explanation:

(8) <u>Land Use</u> . Will the proposal result in the alteration of the present or planned land use of an area?	_____	_____	<u>X</u>
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Explanation:

(9) <u>Natural Resources</u> . Will the proposal result in:			
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(a) Increase in the rate of use of any natural resources?	_____	_____	<u>X</u>
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(b) Depletion of any nonrenewable natural resource?	_____	_____	<u>X</u>
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Explanation:

(10) Risk of Upset. Does the proposal involve a risk of an explosion or the release of hazardous substances (including, but not limited to

oil, pesticides, chemicals or radiation) in the event of an accident or upset conditions?

Yes

Maybe

No

X

Explanation:

- (11) Population. Will the proposal alter the location, distribution, density, or growth rate of the human population of an area?

X

Explanation:

- (12) Housing. Will the proposal affect existing housing, or create demand for additional housing?

X

Explanation:

- (13) Transportation/Circulation.
Will the proposal result in:

(a) Generation of additional vehicular movement?

X

(b) Effects on existing parking facilities, or demand for new parking?

X

(c) Impact upon existing transportation systems?

X

(d) Alterations to present patterns of circulation or movement of people and/or goods?

X

(e) Alterations to waterborne, rail, or air traffic?

X

(f) Increase in traffic hazards to motor vehicles, bicyclists or pedestrians?

X

Explanation:

- (14) Public Services. Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
(a) Fire protection?	—	—	<u>X</u>
(b) Police protection?	—	—	<u>X</u>
(c) Schools?	—	—	<u>X</u>
(d) Parks or other recreational facilities?	—	—	<u>X</u>
(e) Maintenance of public facilities, including roads?	—	—	<u>X</u>
(f) Other governmental services?	—	—	<u>X</u>

Explanation:

- (15) Energy. Will the proposal result in:

(a) Use of substantial amounts of fuel or energy?	—	—	<u>X</u>
(b) Demand upon existing sources or energy, or require the development of new sources of energy?	—	—	<u>X</u>

Explanation:

- (16) Utilities. Will the proposal result in a need for new systems, or alterations to the following utilities:

(a) Power or natural gas?	—	—	<u>X</u>
(b) Communications systems?	—	—	<u>X</u>
(c) Water?	—	—	<u>X</u>

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
(d) Sewer or septic tanks?	_____	_____	<u>X</u>
(e) Storm water drainage?	_____	_____	<u>X</u>
(f) Solid waste and disposal?	_____	_____	<u>X</u>

Explanation:

- (17) Human Health. Will the proposal result in the creation of any health hazard or potential health hazard (excluding mental health)?

_____ X

Explanation:

- (18) Aesthetics. Will the proposal result in the obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view?

_____ X

Explanation:

- (19) Recreation. Will the proposal result in an impact upon the quality or quantity of existing recreational opportunities?

_____ X

Explanation:

- (20) Archeological/Historical. Will the proposal result in an alteration of a significant archeological or historical site, structure, object or building?

_____ X

Explanation:

III. I, the undersigned, state that to the best of my knowledge the above information is true and complete. It is understood that the lead agency may withdraw any declaration of non-significance that it might issue in reliance upon this checklist should there be any willful misrepresentation or willful lack of full disclosure on my part.

Proponent: 

Jay W. Spearman, Consulting Engineer
for Duwamish Shipyard, Inc.

Date: 2/9/81